

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ghandi et al.  
Serial No. : NEW  
Filed : December 2, 2003  
Title : PZT GENERATOR

Art Unit : Unknown  
Examiner : Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Under 35 USC §120, this application relies on the earlier filing date of application serial number 09/986,205, filed on October 19, 2001. The following references were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application:

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: \_\_\_\_\_

12/2/03

 37,640 for

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|--|--|--|--------------------------------------|
| Substitute Form PTO-1449<br>(Modified)<br><br><b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br><br>(37 CFR §1.98(b)) | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br><b>10722-007001</b> | Application No.<br><b>09/986,205</b> |
|  | Applicant<br><b>Kamyar Ghandi, et al.</b>                  |  |                                      |
|  | Filing Date<br><b>October 19, 2001</b>                     | Group Art Unit<br><b>2834</b>                |                                      |

| U.S. Patent Documents |           |               |            |                   |       |          |                            |
|-----------------------|-----------|---------------|------------|-------------------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Patent Number | Issue Date | Patentee          | Class | Subclass | Filing Date If Appropriate |
|                       | AA        | 3,211,069     | 10/12/65   | Rixton            |       |          |                            |
|                       | AB        | 3,396,311     | 08/06/68   | W. Maltner et al. |       |          |                            |
|                       | AC        | 3,558,903     | 01/26/71   | Yamano            |       |          |                            |
|                       | AD        | 3,666,976     | 05/30/72   | Gourlay et al.    |       |          |                            |
|                       | AE        | 3,782,258     | 01/01/74   | Boekkooi et al.   |       |          |                            |
|                       | BA        | 3,819,963     | 06/25/74   | Kondo et al.      |       |          |                            |
|                       | BB        | 4,091,302     | 05/23/78   | Yamashita         |       |          |                            |
|                       | BC        | 4,156,825     | 05/29/79   | Kondo et al.      |       |          |                            |
|                       | BD        | 4,181,492     | 01/01/80   | Zinke             |       |          |                            |
|                       | BE        | 4,325,356     | 04/20/82   | Taschler          |       |          |                            |
|                       | BF        | 4,387,318     | 06/07/83   | Kolm et al.       |       |          |                            |
|                       | BG        | 4,417,170     | 11/22/83   | Benincasa         |       |          |                            |
|                       | BH        | 4,442,372     | 04/10/84   | Roberts           |       |          |                            |
|                       | BI        | 4,459,539     | 07/10/84   | Cordy, Jr.        |       |          |                            |
|                       | BJ        | 4,467,236     | 08/21/84   | Kolm et al.       |       |          |                            |
|                       | BK        | 4,504,761     | 03/12/85   | Triplett          |       |          |                            |
|                       | BL        | 4,510,935     | 04/16/85   | Spencer           |       |          |                            |
|                       | BM        | 4,523,261     | 06/11/85   | West              |       |          |                            |
|                       | BN        | 4,536,700     | 08/20/85   | Bello et al.      |       |          |                            |
|                       | BO        | 4,542,969     | 09/24/85   | Omura             |       |          |                            |
|                       | BP        | 4,546,421     | 10/08/85   | Bello et al.      |       |          |                            |
|                       | BQ        | 4,595,856     | 6/17/86    | Glomb Jr.         |       |          |                            |
|                       | BR        | 4,629,970     | 12/16/86   | Johansson         |       |          |                            |
|                       | BS        | 4,845,338     | 07/04/89   | Lakic             |       |          |                            |
|                       | BT        | 4,758,754     | 07/19/88   | Fink et al.       |       |          |                            |
|                       | AZ        | 4,849,668     | 07/18/89   | Crawley et al.    |       |          |                            |
|                       | BA        | 4,853,580     | 08/01/89   | Sula              |       |          |                            |

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| Examiner Signature   | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |

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| Substitute Form PTO-1449<br>(Modified)   | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>10722-007001 | Application No.<br>09/986,205 |
| <b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br>(37 CFR §1.98(b)) |  | Applicant<br>Kamyar Ghandi, et al.    |                               |
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| Examiner Initial      | Desig. ID | Patent Number | Issue Date | Patentee         | Class | Subclass | Filing Date If Appropriate |
|                       | BB        | 4,933,230     | 06/12/90   | Card et al.      |       |          |                            |
|                       | BC        | 4,939,707     | 07/03/90   | Nagao            |       |          |                            |
|                       | BD        | 5,208,506     | 05/04/93   | Yamashita        |       |          |                            |
|                       | BE        | 5,245,242     | 09/13/93   | Hall             |       |          |                            |
|                       | BF        | 5,305,507     | 04/26/94   | Dvorsky et al.   |       |          |                            |
|                       | BG        | 5,404,067     | 04/04/95   | Stein et al.     |       |          |                            |
|                       | BH        | 5,512,795     | 04/30/96   | Epstein et al.   |       |          |                            |
|                       | BI        | 5,548,177     | 08/20/96   | Carroll          |       |          |                            |
|                       | BJ        | 5,552,656     | 09/03/96   | Taylor           |       |          |                            |
|                       | BK        | 5,552,657     | 09/03/96   | Epstein et al.   |       |          |                            |
|                       | BL        | 5,578,889     | 11/26/96   | Epstein          |       |          |                            |
|                       | BM        | 5,621,264     | 04/15/97   | Epstein et al.   |       |          |                            |
|                       | BN        | 5,656,882     | 08/12/97   | Lazarus et al.   |       |          |                            |
|                       | BO        | 5,687,462     | 11/18/97   | Lazarus et al.   |       |          |                            |
|                       | BP        | 5,703,474     | 12/30/97   | Smalser          |       |          |                            |
|                       | BQ        | 5,751,091     | 05/12/98   | Takahashi et al  |       |          |                            |
|                       | BR        | 5,775,715     | 07/7/98    | Vandergrift      |       |          |                            |
|                       | BS        | 5,783,898     | 07/21/98   | Wu               |       |          |                            |
|                       | BT        | 5,801,475     | 09/01/98   | Kimura           |       |          |                            |
|                       | BU        | 5,814,921     | 09/29/98   | Carroll          |       |          |                            |
|                       | BV        | 5,835,996     | 11/10/98   | Hashimoto et al. |       |          |                            |
|                       | BW        | 5,839,508     | 11/24/98   | Tubel et al.     |       |          |                            |
|                       | BX        | 5,857,694     | 01/12/99   | Lazarus et al.   |       |          |                            |

| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |          |             |    |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|   | BY        | EP 0 673 102 A1 | 09/20/95         | Europe                   |       |          | Yes         | No |
|   |           |                 |                  |                          |       |          | XXX         |    |

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|  | Filing Date<br>October 19, 2001                            | Group Art Unit<br>2834                |                               |

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|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|   |           |                 |                  |                          |       |          | Yes         | No |
|   | BZ        | WO 97/04841     | 13/02/97         | PCT                      |       |          |             |    |
|   | CA        | CA 2,257,935    | 12/24/97         | Canada                   |       |          |             |    |
|   | CB        | WO 98/34689     | 13/08/98         | PCT                      |       |          |             |    |
|   | CC        | WO 99/23749     | 10/29/98         | PCT                      |       |          | XXX         |    |
|   | CD        | WO 00/74224     | 12/07/00         | PCT                      |       |          |             |    |
|   | CE        | -               |                  |                          |       |          |             |    |

| Other Documents (include Author, Title, Date, and Place of Publication) |           |          |
|---|-----------|----------|
| Examiner Initial  | Desig. ID | Document |
|   | CF        |          |
|   | CG        |          |

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| <b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br><br>(37 CFR §1.98(b)) |  | Applicant<br>Kamyar Ghandi, Nesbitt W. Hagood, IV and<br>Aaron A. Bent |                               |
|  |  | Filing Date<br>October 19, 2001  | Group Art Unit<br>2834        |

**U.S. Patent Documents**

| Examiner Initial | Desig. ID | Patent Number | Issue Date | Patentee         | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|---------------|------------|------------------|-------|----------|----------------------------|
|                  | AA        | 5,977,690     | 11/2/1999  | Ellis II, et al. |       |          |                            |
|                  | AB        | 6,194,815     | 2/27/2001  | Carroll          |       |          |                            |
|                  | AC        |               |            |                  |       |          |                            |
|                  | AD        |               |            |                  |       |          |                            |
|                  | AE        |               |            |                  |       |          |                            |
|                  | AF        |               |            |                  |       |          |                            |

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|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
|                  |           |                 |                  |                          |       |          | Yes         | No |
|                  | AG        |                 |                  |                          |       |          |             |    |
|                  | AH        |                 |                  |                          |       |          |             |    |

**Other Documents (include Author, Title, Date, and Place of Publication)**

| Examiner Initial | Desig. ID | Document   |
|------------------|-----------|--|
|                  | AI        | Search Report for International Application No. PCT/US01/45814 |
|                  | AJ        |  |

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